

DOCKET NO.: ISIS-4945

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Group Art Unit: Not  
AssignedChing-Leou Teng, Phillip Dan Cook, Lloyd Tillman,  
Gregory E. Hardee, David J. Ecker & Muthiah Manoharan

Examiner: Not Assigned

For: Compositions and Methods for Non-Parenteral  
Delivery of Oligonucleotides

## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an  
original, first and joint inventor (if plural names are listed below) of the subject matter which  
is claimed and for which a☒ Utility Patent☐ Design Patent

is sought on the invention, whose title appears above, the specification of which:

☐ is attached hereto.☒ was filed on December 21, 2001 as Serial No. 10/029,598.☐ said application having been amended on \_\_\_\_\_.I hereby state that I have reviewed and understand the contents of the above-identified  
specification, including the claims, as amended by any amendment referred to above.I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information  
known to be material to the patentability of this application in accordance with 37 CFR §  
1.56.I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any foreign  
application(s) for patent or inventor's certificate listed below and have also identified below  
any foreign application for patent or inventor's certificate having a filing date before that of  
any application on which priority is claimed:

DOCKET NO.: ISIS-494S

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Priority Claimed (If X'd)	Country	Serial Number	Date Filed
<input type="checkbox"/>			
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I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned
09/315,298	May 20, 1999	Pending
09/082,624	May 31, 1998	Pending

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Serial Number	Date Filed

I hereby appoint the following persons as attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney/Agent	Registration No.
John W. Caldwell	28,937
Michael P. Straher	38,325
Emma R. Dailey	48,491

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of WOODCOCK WASHBURN LLP, One Liberty Place - 46<sup>th</sup> Floor, Philadelphia,  
Pennsylvania 19103 and

Herb Boswell Registration No. 27,311

Laurel Bernstein Registration No. 37,280

Robert S. Andrews Registration No. 44,508

Neil S. Bartfeld Registration No. 39,901

Kenneth H. Tarbet Registration No. 43,181

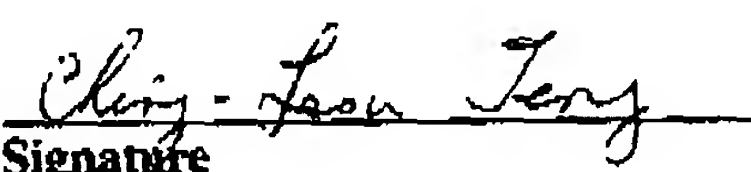
Matthew V. Grumbling Registration No. 44,427

of ISIS PHARMACEUTICALS, INC., 2292 Faraday Avenue, Carlsbad, California 92008

Address all telephone calls and correspondence to:

Michael P. Straher  
WOODCOCK WASHBURN LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone No.: (215) 568-3100  
Facsimile No.: (215) 568-3439

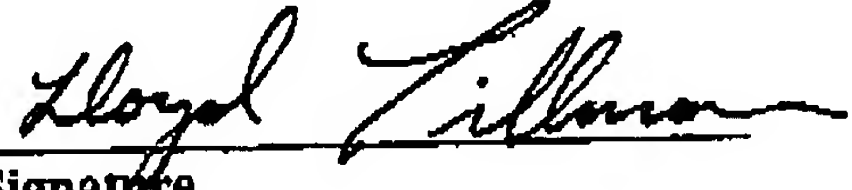
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

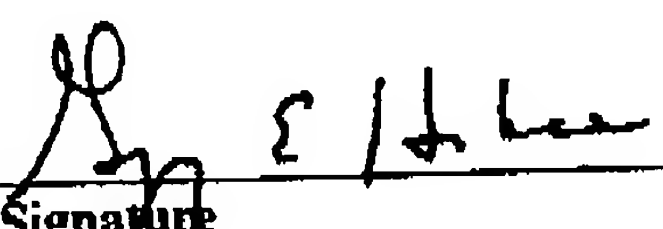
<b>Name:</b>	 <b>Signature</b>  <b>Date of Signature:</b> <u>March 17, 2002</u>  <b>Citizenship:</b> United States of America
<b>Ching-Leou Teng</b>	
<b>Mailing Address:</b>	
4571 Mercurio Street San Diego, California 92130	
<b>City/State of Actual Residence:</b>	
San Diego, California	

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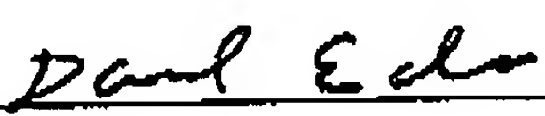
<b>Name:</b> Phillip Dan Cook	<b>Signature</b>  <b>Date of Signature:</b> _____  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b> 5237 Olive Hill Road Fallbrook, California 92028	
<b>City/State of Actual Residence:</b> Fallbrook, California	

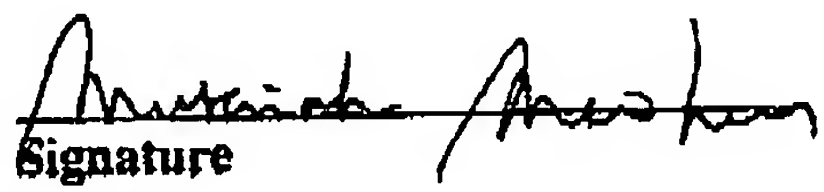
<b>Name:</b> Lloyd Tillman	 <b>Signature</b>  <b>Date of Signature:</b> <u>20 MAR 02</u>  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b> 4350 Stanford Street Carlsbad, California 92008	
<b>City/State of Actual Residence:</b> Carlsbad, California	

<b>Name:</b> Gregory E. Hardee	 <b>Signature</b>  <b>Date of Signature:</b> <u>25 Mar 02</u>  <b>Citizenship:</b> United States of America
<b>Mailing Address:</b> 17407 La Brisa Rancho Santa Fe, California 92067	
<b>City/State of Actual Residence:</b> Rancho Santa Fe, California	

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<b>Name:</b> David J. Ecker	 Signature
<b>Mailing Address:</b> 1041 Saxony Road Encinitas, California 92024	<b>Date of Signature:</b> <u>3/22/02</u>
<b>City/State of Actual Residence:</b> Encinitas, California	<b>Citizenship:</b> United States of America

<b>Name:</b> Muthiah Manoharan	 Signature
<b>Mailing Address:</b> 7634 Reposado Drive Carlsbad, California 92009	<b>Date of Signature:</b> <u>3/20/02</u>
<b>City/State of Actual Residence:</b> Carlsbad, California	<b>Citizenship:</b> United States of America

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Emma R. Dailey	48,491

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of **WOODCOCK WASHBURN LLP**, One Liberty Place - 46<sup>th</sup> Floor, Philadelphia,  
Pennsylvania 19103 and

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Laurel Bernstein                  Registration No. 37,280

Robert S. Andrews               Registration No. 44,508

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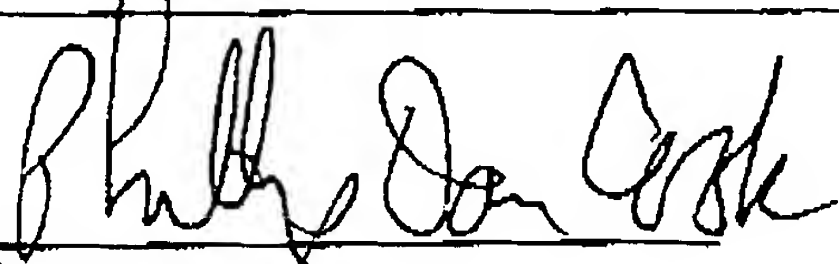
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<b>Name:</b>  Ching-Leou Teng	
<b>Mailing Address:</b>  4571 Mercurio Street San Diego, California 92130	<b>Signature</b>  <b>Date of Signature:</b> _____
<b>City/State of Actual Residence:</b>  San Diego, California	<b>Citizenship:</b> United States of America



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<b>Name:</b> Phillip Dan Cook	
<b>Mailing Address:</b> 5237 Olive Hill Road Fallbrook, California 92028	<b>Signature</b>  <b>Date of Signature:</b> 03/20/02
<b>City/State of Actual Residence:</b> Fallbrook, California	<b>Citizenship:</b> United States of America

<b>Name:</b> Lloyd Tillman	
<b>Mailing Address:</b> 4350 Stanford Street Carlsbad, California 92008	<b>Signature</b>  <b>Date of Signature:</b> _____
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